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PLUS Search Results for S/N 10089421, Searched September 22, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5953666  
5640691  
5907805  
5956645  
6031833  
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6505044  
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4351987  
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4849989  
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4270185  
4326264  
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4446555  
4462022  
4495493  
4553234  
4812628  
5220564  
5241686  
5245656  
5333175  
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5414700  
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10089421\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10089421 on September 22, 2004

- 5 455/436 (2 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/436 ..Handoff
- 4 455/522 (0 OR, 4 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/500 .Plural transmitters or receivers (i.e., more than two stations)
  - 455/507 ..Central station (e.g., master, etc.)
  - 455/517 ...To or from mobile station
  - 455/522 ....Transmission power control technique
- 3 370/329 (1 OR, 2 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/310 COMMUNICATION OVER FREE SPACE
  - 370/328 .Having a plurality of contiguous regions served by respective fixed stations
  - 370/329 ..Channel assignment
- 3 370/452 (1 OR, 2 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/431 CHANNEL ASSIGNMENT TECHNIQUES
  - 370/449 .Polling
  - 370/450 ..Passing a signal identifying the idle or bus state of a channel (e.g., token passing)
  - 370/451 ...On bus
  - 370/452 ....On ring or loop
- 3 455/69 (2 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/68 .With control signal
  - 455/69 ..Transmitter controlled by signal feedback from receiver

- 2 340/506 (1 OR, 1 XR)
  - Class 340 : COMMUNICATIONS: ELECTRICAL

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10089421_CLSTITLES
340/500      CONDITION RESPONSIVE INDICATING SYSTEM
340/501      .With particular system function (e.g.,
              temperature compensation, calibration)
340/506      ..Alarm system supervision

2  340/539.1  (0 OR, 2 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
340/500      CONDITION RESPONSIVE INDICATING SYSTEM
340/531      .With particular coupling link
340/539.1    ..Radio

2  340/825.5  (1 OR, 1 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
340/825      SELECTIVE
340/825.5    .Lockout or priority (programmed or variable)

2  370/336    (0 OR, 2 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
370/310      COMMUNICATION OVER FREE SPACE
370/328      .Having a plurality of contiguous regions
              served by respective fixed stations
370/329      ..Channel assignment
370/336      ...Combining or distributing information via
              time channels

2  370/338    (2 OR, 0 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
370/310      COMMUNICATION OVER FREE SPACE
370/328      .Having a plurality of contiguous regions
              served by respective fixed stations
370/338      ..Contiguous regions interconnected by a local
              area network

2  370/462    (0 OR, 2 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
370/431      CHANNEL ASSIGNMENT TECHNIQUES
370/462      .Arbitration for access to a channel

2  370/468    (0 OR, 2 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
370/464      COMMUNICATION TECHNIQUES FOR INFORMATION
              CARRIED IN PLURAL CHANNELS
370/465      .Adaptive
370/468      ..Assignment of variable bandwidth or time
              period for transmission or reception

2  370/507    (0 OR, 2 XR)

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Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having multiple packets

370/498 .Combining or distributing information via time channels

370/503 ..Synchronizing

370/507 ...Mutual (reciprocal) synchronization

2 375/262 (2 OR, 0 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 .Plural channels for transmission of a single pulse train

375/261 ..Quadrature amplitude modulation

375/262 ...Maximum likelihood decoder or viterbi decoder

2 375/265 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 .Plural channels for transmission of a single pulse train

375/261 ..Quadrature amplitude modulation

375/265 ...Trellis encoder or Trellis decoder

2 375/325 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/322 .Angle modulation

375/324 ..Particular demodulator

375/325 ...Including coherent detector

2 375/340 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/340 .Particular pulse demodulator or detector

2 375/341 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/340 .Particular pulse demodulator or detector

375/341 ..Maximum likelihood decoder or viterbi decoder

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2 375/356 (1 OR, 1 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/354 SYNCHRONIZERS  
     375/356 .Network synchronizing more than two stations

2 455/426.1 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM  
     455/422.1 .Zoned or cellular telephone system  
     455/426.1 ..Including other radio communication system  
                     (e.g., cordless telephone, paging, trunking  
 , etc.)

2 455/437 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM  
     455/422.1 .Zoned or cellular telephone system  
     455/436 ..Handoff  
     455/437 ...Mobile assisted or initiated

2 455/439 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM  
     455/422.1 .Zoned or cellular telephone system  
     455/436 ..Handoff  
     455/439 ...Handoff initiated by another source (e.g.,  
                     target, user initiated, mobile switching ce  
 nter (MSC), or  
                     mobile telephone switching office (MTSO), e  
 tc.)

2 455/553.1 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
                     TRANSCIVER)  
     455/550.1 .Radiotelephone equipment detail  
     455/552.1 ..Operable on more than one system  
     455/553.1 ...Radiotelephone having plural transceivers  
                     (e.g., for analog and digital, trunking and  
 cellular, etc.)

2 455/88 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

## 10089421\_CLSTITLES

## TRANSCĒIVER)

455/88 .Transceiver controlling a separate transceive  
r  
or receiver

2 714/792 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/786 ..Forward error correction by tree code (e.g.,  
convolutional)

714/792 ...Trellis code

2 714/794 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/786 ..Forward error correction by tree code (e.g.,  
convolutional)

714/794 ...Maximum likelihood

2 714/795 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/786 ..Forward error correction by tree code (e.g.,  
convolutional)

714/795 ...Viterbi decoding



10089421\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10089421 on September 22, 2004

Original Classifications

2 370/338  
2 375/262  
2 455/436  
2 455/69

Cross-Reference Classifications

4 455/522  
3 455/436  
2 340/539.1  
2 370/329  
2 370/336  
2 370/452  
2 370/462  
2 370/468  
2 370/507  
2 375/265  
2 375/325  
2 375/340  
2 375/341  
2 455/426.1  
2 455/553.1  
2 455/88  
2 714/792  
2 714/794  
2 714/795

Combined Classifications

5 455/436  
4 455/522  
3 370/329  
3 370/452  
3 455/69  
2 340/506  
2 340/539.1  
2 340/825.5  
2 370/336  
2 370/338  
2 370/462  
2 370/468  
2 370/507  
2 375/262  
2 375/265  
2 375/325

10089421\_CLS

2 375/340  
2 375/341  
2 375/356  
2 455/426.1  
2 455/437  
2 455/439  
2 455/553.1  
2 455/88  
2 714/792  
2 714/794  
2 714/795